IN THE CLAIMS

Please amend the claims as follows. This listing of the claims will replace all prior versions, and listings, of claims in the application:

1-11 (canceled).

12. (Previously presented) A method for operating a defroster heater of a refrigeration device, comprising:

a) recording a voltage value of a supply voltage for the defroster heater;

b) generating a pulse-duty ratio for a pulsed supply current for said defroster heater depending on said recorded voltage value; and

c) supplying said defroster heater with said pulsed supply current keyed according to said generated pulse-duty ratio, for a fixed heating interval.

13. (Previously presented) The method according to claim 12, further comprising generating said pulse-duty ratio as a decreasing step function of said recorded voltage value.

14. (Previously presented) The method according to claim 13, further comprising forming at least two discrete values for said step function in a predetermined permissible range of fluctuation of said voltage value.

15. (Currently amended) The method according to claim 13, further comprising dividing a ~~the~~ value range of said voltage value into a plurality of intervals,

for each said interval assigning a fixed pulse-duty ratio and providing a ratio of upper to lower limit of each interval of between 1.1 and 1.2.

16. (Previously presented) The method according to claim 13, further comprising assigning a pulse-duty ratio of 1 to voltage values below at least 150 VAC.

17. (Previously presented) The method according to claim 13, further comprising assigning a pulse-duty ratio of 1 to voltage values below at least 165 VAC.

18. (Previously presented) The method according to claim 12, wherein the fixed heating interval includes a substantial number of cycles of an alternating current provided by the voltage supply.

19. (Previously presented) A refrigeration device, comprising:

an integrated defroster heater;

a voltage supply coupled to said defroster heater;

a recording circuit coupled to said voltage supply for recording a voltage value supplied to said defroster heater;

said recording circuit generating a keyed control signal with a pulse-duty ratio dependent on the recorded voltage value; and

a circuit breaker activated by said control signal for pulsing a supply current fed to said defroster heater for a fixed heating interval.

20. (Previously presented) The refrigeration device according to claim 19, wherein said pulse-duty ratio is generated as a decreasing step function of said recorded voltage value.

21. (Previously presented) The refrigeration device according to claim 20, wherein said step function has at least two discrete values.

22. (Previously presented) The refrigeration device according to claim 20, wherein said step function has three or more discrete values.

23. (Currently amended) The refrigeration device according to claim 20, wherein a ~~said~~ value range of said voltage value is divided into a plurality of intervals, each said interval has a fixed pulse-duty ratio assigned, and the ratio from upper to lower limit of each said interval is between 1.1 and 1.2.

24. (Previously presented) The refrigeration device according to claim 19, wherein said recording circuit assigns voltage values below 150 VAC a pulse-duty ratio of 1.

25. (Previously presented) The refrigeration device according to claim 19, wherein said recording circuit assigns voltage values below 165 VAC a pulse-duty ratio of 1.

26. (Previously presented) The refrigeration device according to claim 19, wherein the fixed heating interval includes a substantial number of cycles of an alternating current provided by the voltage supply.